



Memorandum

To: Honorable Mayor Maso and Members of the Frisco City Council

cc: George Purefoy, City Manager
Ron Patterson, Assistant City Manager
Elizabeth Metting, P.E., Assistant Director/City Engineer

From: Lori Chapin, P.E., Senior Engineer

Date: May 19, 2009

Subject: Consider and act upon adoption of a Resolution authorizing the City Manager to execute a Professional Services Agreement by and between the City of Frisco and Kimley-Horn Associates, Inc., to design drainage improvements and prepare construction documents for Lafayette Drive within the Plantation Resort Subdivision (Engineering/LC).

Action Requested: City Council consideration and approval of a Resolution authorizing the City Manager to execute a Professional Services Agreement by and between the City of Frisco and Kimley-Horn Associates, Inc. of Dallas, Texas, in the amount of \$73,500.00, to design drainage improvements and prepare construction documents for Lafayette Drive within the Plantation Resort Subdivision.

Background Information: The City is aware of two storm events that caused localized flooding within the Plantation Resort Subdivision specifically along Lafayette Drive. The first occurred during the mid-1990s when the City received drainage complaints from residents regarding localized street flooding along Lafayette Drive. The second occurred after heavy rains in Spring, 2007 when the City received additional drainage complaints from the same residents. It has been reported that these two property owners observed water entering their garage and/or residence.

On March 17, 2009, staff presented four options to City Council regarding proposed drainage improvements that could be constructed to reduce the localized flooding along Lafayette Drive. The improvements included constructing new storm drain pipe, as well as widening the channel that is known as White Rock Creek. Council directed staff to bring forward an Engineering Design contract for consideration to design drainage improvements for Option 2A (see attached Figure 1 and 2). The

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Consultant has prepared a scope and fee to design the selected option. The following is a summary of the tasks required to design the drainage improvements for Lafayette Drive:

Task 1	Survey
Task 2	Floodplain Modeling
Task 3	Construction Documents
Task 4	Proposed Preliminary Jurisdictional Determination
Task 5	Nationwide Permit Pre-construction Notification
Task 6	Post Submittal Agency Coordination
Task 7	Easement Document Preparation
Task 8	Final Design Review Meetings and Coordination
Task 9	Bidding and Construction Phase Services
Task 10	Completion of Record Documents
Task 11	Letter of Map Revision Submittal

The cost of the Agreement for Basic Services totals \$73,500.00. It is anticipated that design and permitting will be complete by late 2009 and construction will be complete in Spring, 2010.

Improvements within the Plantation Resort Subdivision are dependent upon concurrence from the Plantation Golf Course property owner, as it will be necessary to obtain Temporary Construction and Drainage Easements to construct the improvements. Staff will be contacting the golf course property owner; however, at this time the willingness of the property owner to provide the easements is unknown. In addition, staff will be arranging a meeting with the neighborhood residents in the area to brief them about the project and answer questions.

Alternatives: City Council could consider the following alternatives:

- Approval of a Resolution subject to staff recommendations;
- Input towards the discussion as desired;
- Deny approval of the Resolution and send back to staff with direction.

Financial Considerations: Staff recommends funding the design for this project come from General Fund as a short term loan, to be reimbursed from the Stormwater Drainage Fee once enough revenue has been collected.

Legal Review: The Resolution and Professional Services Agreement have been reviewed and approved by the City Attorney's Office as to form and legality.

Supporting Documents: Supporting documents include the following items:

- Copy of Project Location Map
- Copy of Figure 1
- Copy of Figure 2
- Copy of the Resolution
- Copy of Professional Services Agreement

Staff Recommendation: Staff recommends approval subject to City Council receiving a report on the results of the neighborhood residents and golf course ownership meetings.